

Converting Colors

XYZ(40.0864, 43.1517, 47.3907)

Have a look what the booklet for
XYZ(40.0864, 43.1517, 47.3907)
contains.

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Color

**XYZ(40.1362, 43.1249,
47.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB1B0
RGB	170, 177, 176
RGB Percent	67%, 69%, 69%
CMY	0.3333, 0.3059, 0.3098
CMYK	0.04, 0.00, 0.01, 0.31
HSL	171°, 4%, 68%
HSV	171°, 4%, 69%
XYZ	40.1362, 43.1249, 47.2828
YIQ	174.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

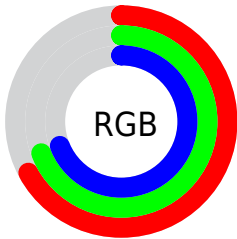
Format	Color
RYB	170, 174, 177
Decimal	11186608
CIELab	71.64, -2.64, -0.35
CIELCh	72, 2.661, 187.559
Yxy	43.1249, 0.3075, 0.3303
Android (android.graphics.Color)	4289376688 (0xFFAAB1B0)
YUV	174.7930, 0.5951, -4.2035
Hunter-Lab	65.6696, -5.8253, 3.2792

Details

The XYZ color **40.1362, 43.1249, 47.2828** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8585, 41.0380, 44.3506**, and the grayscale version is **40.6400, 42.7565, 46.5618**.

A 20% lighter version of the original color is **74.7557, 80.1116, 87.8670**, and **18.3170, 19.7221, 21.9101** is the 20% darker color. If you saturate the color by 10%, you get **36.3163, 41.1856, 45.8077**, and if you desaturate by 10%, it is **44.4784, 45.3354, 48.8086**.

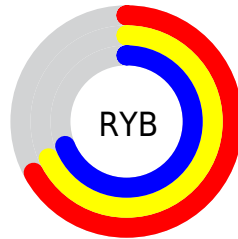
Distribution



Red (67%)

Green (69%)

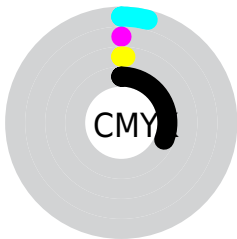
Blue (69%)



Red (67%)

Yellow (68%)

Blue (69%)

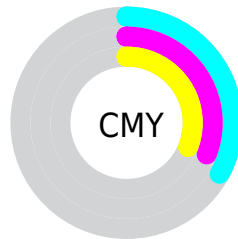


Cyan (4%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1362, 43.1249, 47.2828 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 40.1362, 43.1249, 47.2828 by changing the saturation by 10% instead.

■ 40.1362, 43.1249,
47.2828

■ 40.1362, 43.1249,
47.2828

337.8219,
359.1252, 392.3686

■ 27.8294, 29.9831,
32.9033

■ 74.6539, 79.8993,
87.4900

■ 18.3369, 19.8258,
21.7819

97.5955, 104.3007,
114.1548

■ 11.2933, 12.2685,
13.4999

124.8128,
133.2242, 145.7518

■ 6.3332, 6.9268,
7.6389

156.6712,
167.0540, 182.6995

■ 3.0913, 3.4164,
3.7804

193.5359,
206.1746, 225.4165

■ 1.2022, 1.3528,
1.5056

235.7723,

■ 0.1081, 0.1815,

250.9704, 274.3214

0.2221

283.7459,
301.8258, 329.8325

■ 0.0000, 0.0000,
0.0000

■ 40.1362, 43.1249,
47.2828

■ 40.1362, 43.1249,
47.2828

■ 36.3163, 41.1856,
45.8077

■ 44.4784, 45.3354,
48.8086

■ 32.9946, 39.5014,
44.3793

■ 49.3587, 47.8214,
50.3833

■ 30.1506, 38.0628,
42.9975

■ 54.7965, 50.5944,
52.0087

■ 27.7606, 36.8579,
41.6610

■ 60.8093, 53.6632,
53.6860

■ 25.7994, 35.8734,
40.3685

■ 66.1131, 56.3659,
55.3550

■ 24.2389, 35.0950,
39.1185

■ 66.3901, 56.4768,
56.8138

■ 23.0478, 34.5065,
37.9094

■ 66.6720, 56.5895,
58.2981

■ 22.1900, 34.0893,
36.7395

■ 66.9587, 56.7042,
59.8080

■ 21.6222, 33.8211,
35.6065

■ 67.2503, 56.8208,
61.3436

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.1935, 43.1249, 46.0150



40.1362, 43.1249, 47.2828



40.3061, 43.1249, 48.4842

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.1362, 43.1249, 47.2828



41.5192, 43.1249, 48.9499



41.3205, 43.1249, 44.6998

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.1362, 43.1249, 47.2828



39.8585, 41.0380, 44.3506

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.6794, 43.1249, 45.4596



40.1362, 43.1249, 47.2828



41.7948, 43.1249, 47.9091

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.1362, 43.1249, 47.2828



41.1030, 43.1249, 49.4581



41.8536, 43.1249, 46.6301



40.8751, 43.1249, 44.5391

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.1362, 43.1249, 47.2828



40.5260, 43.1249, 49.0806



41.8536, 43.1249, 46.6301



41.4554, 43.1249, 44.8930

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.1374, 43.1267, 47.2837



74.0679, 78.3467, 85.4729



39.7847, 43.0120, 44.2362



16.0608, 16.9836, 18.5266



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.1374, 43.1267, 47.2837



71.0625, 76.8185, 84.3765



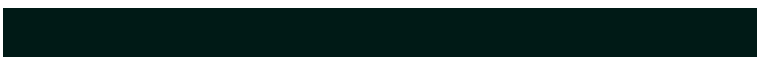
39.7573, 42.2070, 47.6484



9.0215, 9.7790, 10.7498



15.4940, 24.4236, 25.4018



0.5018, 0.7742, 0.8744

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.8585, 41.0380, 44.3506



70.4251, 72.0459, 77.6745



40.2270, 41.9275, 44.0036



8.9323, 9.1111, 9.8119



13.2808, 6.8299, 1.3729



0.4333, 0.2211, 0.1247

Previews

White Background



This preview shows how the XYZ color 40.1362, 43.1249, 47.2828 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.1362, 43.1249, 47.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

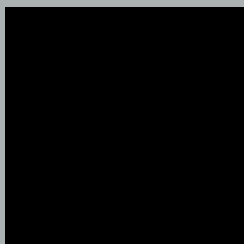
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

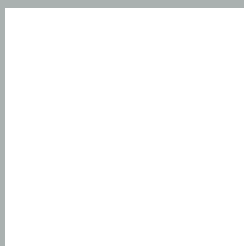
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1362, 43.1249, 47.2828

Background



This preview shows how black text looks on a background with the XYZ color 40.1362, 43.1249, 47.2828.



This preview shows how white text looks on a background with the XYZ color 40.1362, 43.1249,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.1362, 43.1249, 47.2828

Protanopia

41.6582, 43.3388, 46.7270

Deuteranopia

43.7964, 43.0001, 47.5865



Tritanopia

41.5285, 43.1047, 54.2754

Trichromacy



Original Color

40.1362, 43.1249, 47.2828

Protanomaly

41.1677, 43.3759, 46.7601

Deuteranomaly

42.4078, 43.1287, 47.6845

Tritanomaly

40.9716, 43.1693, 51.5205

Monochromacy



Original Color

40.1362, 43.1249, 47.2828

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4968, 43.0301, 46.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1362, 43.1249, 47.2828 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 177, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 177, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.1362, 43.1249, 47.2828 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 177, 176) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 177, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 177,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1362, 43.1249, 47.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 177, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
177, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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